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Figure 1
Current Nitrogen Fertilizer Production

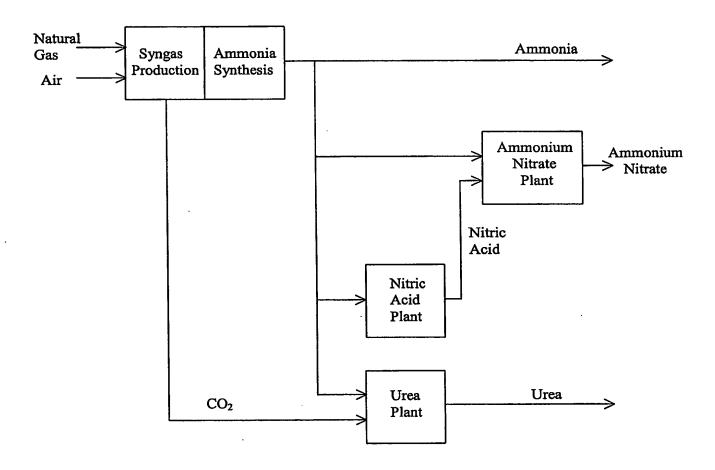
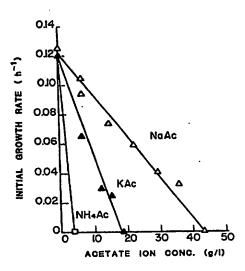
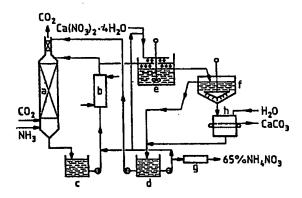


Figure 2



Fermentation Inhibition by Ammonium Ion Taken from Wang and Wang (9)

Figure 3



BASF Process Sketch Taken from Zapp et. al.

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Figure 4
Integrated Organic Acid and Ammonium Nitrate Production

